APAK GRUP

APAK PETROKİMYA

LDPE APAK LL22501AA LL22501 KJS

LDPE is defined in the density range of 0.910-0.940 g/ ^{cm3} . It is inert at room temperature except for high oxidation factors. It can withstand temperatures of 80 °C continuously and a short time at 95 °C. It is formed in completely flexible translucent or opaque variations and is almost too strong to break.

LDPE APAK LL22501AA LL22501 KJS blown film grade designed for applications requiring good optical properties even at low extrusion temperature. This resin combines ease of processing with low gels and it is well suited for blending with LDPE and for general purpose applications.

Resin Properties	**Unit**	**Typical Value**		**ASTM Method**
Melt Index (190°C/ 2.16Kg)	g/10 min	0.95		D1238
Density	g/ml	0.923		D1505
Film properties@				
Dart Impact	g		70	D1709
Elmendorf Tear	g	MD/TD	105/436	D1922
Tensile Strength at yield	MPa	MD/TD	11/12	D882
Tensile Strength at break	MPa	MD/TD	41/31	D882
Ultimate elongation	%	MD/TD	648/780	D882
Haze	%		34	D1003
Gloss 45°			24	D2457
@ 25 micron film obtained on Collin 25, B.u.R. 2.5: 1, Temp. profile 155 190°				
Recommended processing conditions				
		190-230		
Blow up ratio		2.0-3.0		
Die Gap	mm	2.0-2.5		
Thickness	micron	15-150		

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